

ASBESTOS SURVEY REPORT

1230 12th Street Avenue, Modesto, CA 95353



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On August 11, 2005 Ken Horrillo, Environmental Compliance Manager, City of Modesto, Parks, Recreation and Neighborhoods Department performed at 1230 12th Street, Modesto, CA 95353.

The purpose of the asbestos survey is to confirm or deny the existence of asbestos in suspected building materials that could become impacted by the proposed remodeling of structure.

This is a requirement of the United States Environmental Protection Agency (EPA) and the National Emissions Standards for Hazardous Air Pollutants (NESHAP) 40 CFR and the San Joaquin Valley Unified Air Pollution Control District.

PROPERTY DESCRIPTION

The property located at 1230 12th Street is a one-story commercial masonry structure with a floor area of approximately 12,000 Square ft. The first phase was built in 1971 with approximately 7,000 square ft. The second Phase built in 1979 added 5,000 square ft. to the southeast corner of the Structure.

SAMPLING

Sampling was performed following the sampling guidelines under AHERA. The samples where collected placed in their own individual containers, assigned a unique sampling number, placed under a chain –of-custody and delivered by FedEx to LA testing at 159 Pasadena Avenue, South Pasadena, CA 91030 for analysis by Polarized Light Microscopy. LA Testing is a EPA certified laboratory.

SAMPLING AND LABORATORY RESULTS USING BULK SAMPLING

Roofing Material

R-1	Silver emulsion near roof hatch	No Asbestos detected
R-2	Black mastic pipe jack near roof hatch	2% Chrysotile
R-3	Insulation board	No Asbestos detected
R-4	Mineral cap	No Asbestos detected
R-5	Silver emulsion	No Asbestos detected
R-6	Insulation board	No Asbestos detected
R-7	Cap Sheet South East Corner	No Asbestos detected
R-8	Cap Sheet North East Corner	No Asbestos detected

R-9	Black mastic North East Corner	5% Chrysotile
R-10	Cap Sheet walking pad	No Asbestos detected
F-1	Mastic for base at front counter	No Asbestos detected
F-2	Tile underlayment front counter	No Asbestos detected
F-3	Floor mastic front counter	No Asbestos detected
F-4	Floor mastic center main work area	No Asbestos detected
F-5	Mastic floor entry electrical room	No Asbestos detected
F-6	Floor mastic 10' X 9' office	No Asbestos detected
F-7	Mastic for base cove south east wall	No Asbestos detected
F-8	Floor Mastic northeast exit	No Asbestos detected
S-1	Sheetrock skim coat south east corner wall	No Asbestos detected

ASBESTOS CONTAINING MATERIALS THAT COULD BE IMPACTED

Testing Samples R-2 Roof Mastic (Black) at 2% Chrysotile and R-9 Roof Mastic (Black) at 5% Chrysotile.

SUMMARY

The following suspected Asbestos containing building material that could be impacted by the proposed remodeling the structure was shown by the laboratory analysis to contain more than 1 percent asbestos as determined by Polarized Light Microscopy (PLM) by a accredited laboratory.

Testing Sample R-2 – Roof mastic is less than 3 square feet in quantity and R-9 –Roof mastic is less than 5 square feet. in quantity.

The material in testing samples R-2 and R-9 are Category II non-friable ACBM, non homogeneous in nature due to the structure being built in two phases. The amount asbestos in the mastic on samples R-1 and R-2 is less than 100 sq ft., according to NESHAP this is a non- regulated material.

See attachments A- Chain of Custody

B- Laboratory Asbestos Analysis for bulk Material

C -Sampling location floor plan



Ken Horrillo
Environmental Review Specialist
City of Modesto

Samples Accepted
For Analysis
By LA Testing

320607779



Chain of Custody
Asbestos Lab Services

LA Testing
159 Pasadena Avenue
South Pasadena,
CA 91030

Phone: 1-800-303-0047

Fax: 323-254-9982

<http://www.latesting.com>

Please print all information legibly.

Client Sample # (s) 1230/12 -

Total Samples #: 10

Relinquished: Ken Hamilton Date: 06-22-06

Time: 4:45

Received: Jm FE Date: 6-23-06

Time: 8:45AM

Relinquished: _____ Date: _____

Time: _____

Received: _____ Date: _____

Time: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
R-1	Silver emulsion near roof hatch	
R-2	Black Jack on pipe vent near roof hatch	
R-3	Insulation board	
R-4	Mineral cap	
R-5	Silver emulsion	
R-6	Insulation board	
R-7	Cap Sheet South East Corner	
R-8	Cap Sheet North East Corner	
R-9	Black Jack Curb North East Corner	
R-10	Cap sheet walking pad	

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320607785



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Please print all information legibly.

Client Sample # (s) 1230/12 -

Total Samples #: 9

Relinquished: Re Howell Date: 06-22-06 Time: 4:45

Received: lym FE Date: 6-23-06 Time: 8:45 AM

Relinquished: _____ Date: _____ Time: _____

Received: _____ Date: _____ Time: _____

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	VOLUME (if applicable)
F-1	Mastic for base Front Counter	
F-2	Tile underlayment Front Counter	
F-3	Floor mastic Front Counter	
F-4	Floor Mastic Center main work area	
F-5	Floor mastic Electrical room	
F-6	Floor mastic 10' X9' office	
F-7	Mastic for base	
F-8	Floor Mastic	
S-1	Sheetrock skim coat	



LA Testing

159 Pasadena Avenue, South Pasadena, CA 91030

Phone: (323) 254-9960 Fax: (323) 254-9982 Email: pasadenalab@lateesting.com



Attn: **Ken Horrillo**
City of Modesto
1010 Tenth Street
Suite 4300
Modesto, CA 95353

Customer ID: 32MODE62
Customer PO:
Received: 06/23/06 8:45 AM
LA Testing Order: 320607785

Fax: (209) 544-3982 Phone: (209) 577-5419
Project: 1230/12th

LA Testing Proj:
Analysis Date: 6/26/2006
Report Date: 6/26/2006

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
F-1 320607785-0001	Mastic for base Front Counter	Tan Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
F-2 320607785-0002	Tile underlayment Front Counter	Beige/Brown Non-Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
F-3 320607785-0003	Floor mastic Front Counter	Tan Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
F-4 320607785-0004	Floor Mastic Center main work area	Brown Non-Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
F-5 320607785-0005	Front mastic Electrical room	Brown Non-Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
F-6 320607785-0006	Floor mastic 10'x9' office	Brown Non-Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
F-7 320607785-0007	Mastic for base	Beige Non-Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected

Analyst(s)

Rafik Vartanian, Ph.D (9)

or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of LA Testing. LA Testing's liability is limited to the cost of analysis. LA Testing bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. The test results contained within this report meet the requirements of NELAC unless otherwise noted. Samples received in good condition unless otherwise noted. Samples received in good condition unless otherwise noted.

Analysis performed by LA Testing (NVLAP #200232-0)



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Sample	Location	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
F-8 320607785-0008	Floor Mastic	Brown Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
S-1 320607785-0009	Sheetrock skim coat	Brown/Tan Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected

Analyst(s)

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Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
R-1 320607779-0001	Silver emulsion near roof hatch	Black/Gray Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
R-2 320607779-0002	Black Jack on pipe vent near roof hatch	Black/Silver Non-Fibrous Heterogeneous	3% Cellulose	95% Non-fibrous (other)	2% Chrysotile
R-3 320607779-0003	Insulation board	Tan Non-Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (other)	None Detected
R-4 320607779-0004	Mineral cap	Black Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
R-5 320607779-0005	Silver emulsion	Black/Blue Non-Fibrous Heterogeneous	2% Cellulose	98% Non-fibrous (other)	None Detected
R-6 320607779-0006	Insulation board	Black Non-Fibrous Heterogeneous	2% Cellulose 8% Glass	90% Non-fibrous (other)	None Detected
R-7 320607779-0007	Cap Sheet SE Corner	Black/Silver Non-Fibrous Heterogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected

Analyst(s)

Rafik Vartanian, Ph.D (10)

or other approved signatory

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Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
R-8 320607779-0008	Cap Sheet NE Corner	Black Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
R-9 320607779-0009	Black Jack Curb NE Corner	Black Non-Fibrous Homogeneous	3% Cellulose	92% Non-fibrous (other)	5% Chrysotile
R-10 320607779-0010	Cap sheet walking pad	Black/Silver Non-Fibrous Heterogeneous	2% Cellulose 8% Glass	90% Non-fibrous (other)	None Detected

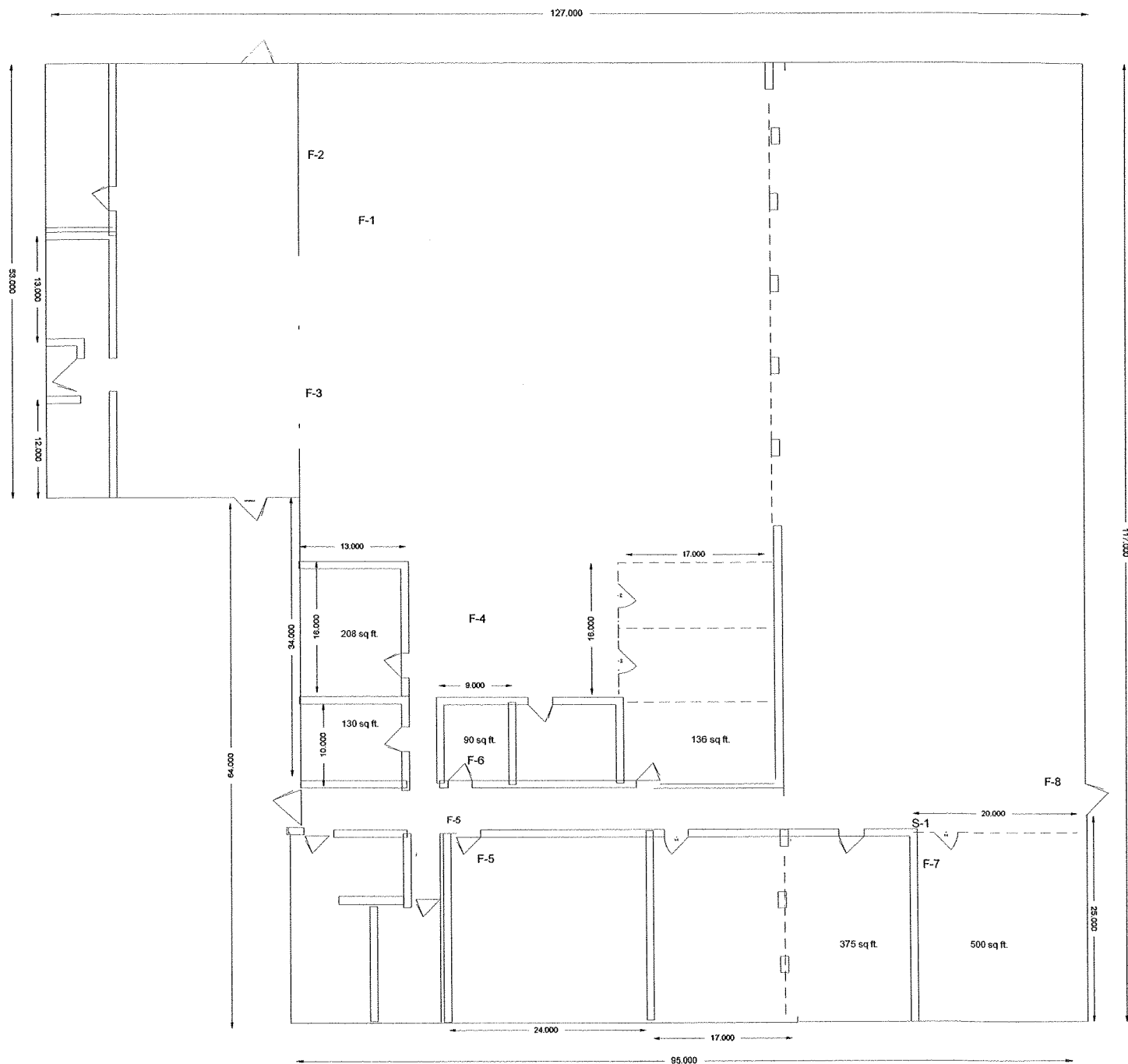
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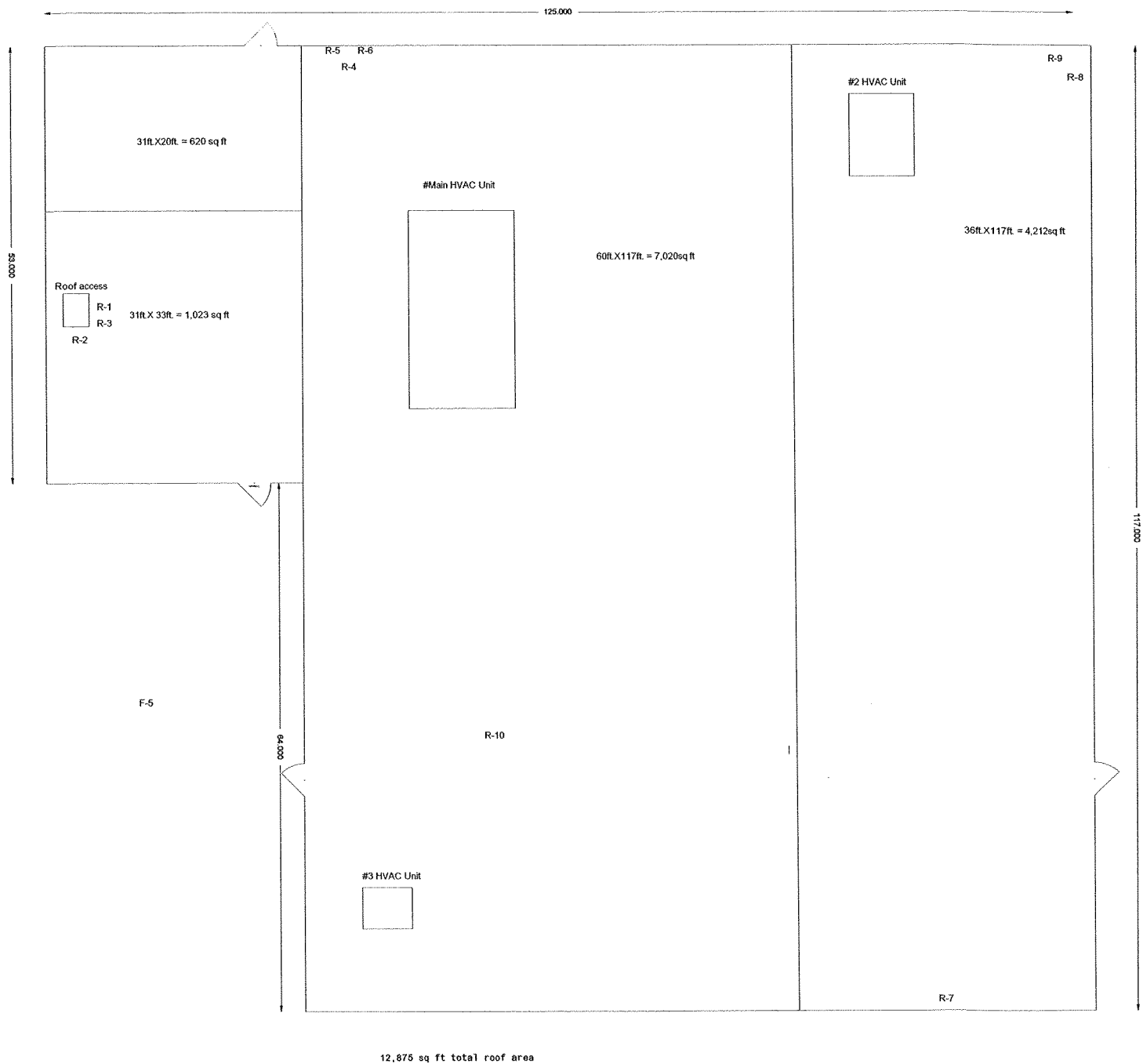
Analysis performed by LA Testing (NVLAP #200232-0)



Asbestos Test Locations- Floor

1230 12th Street
Modesto, CA

ATTACHMENT C



Asbestos Test Locations- Roof

1230 12th Street
Modesto, CA

ATTACHMENT C